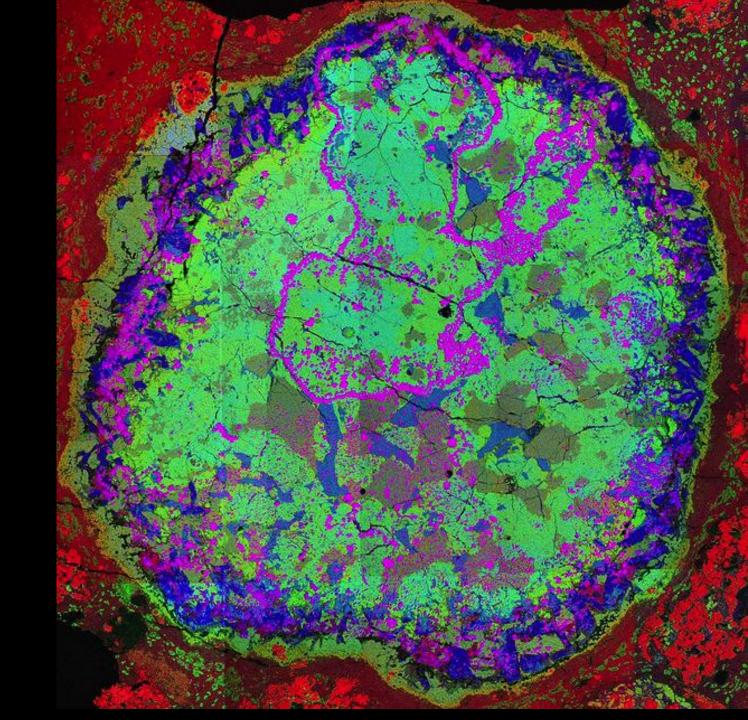
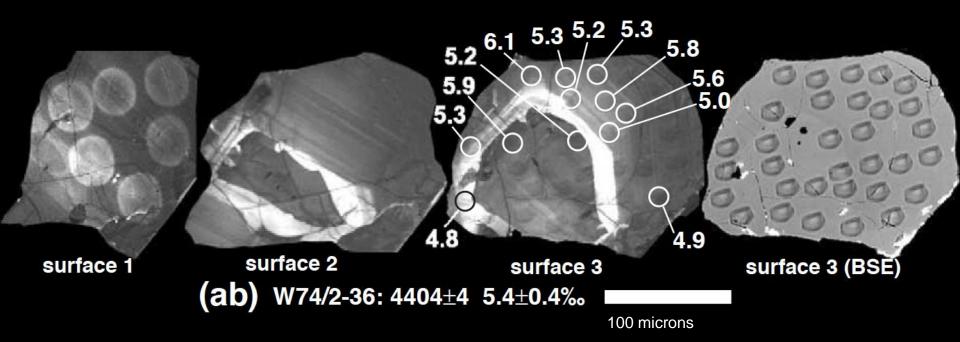
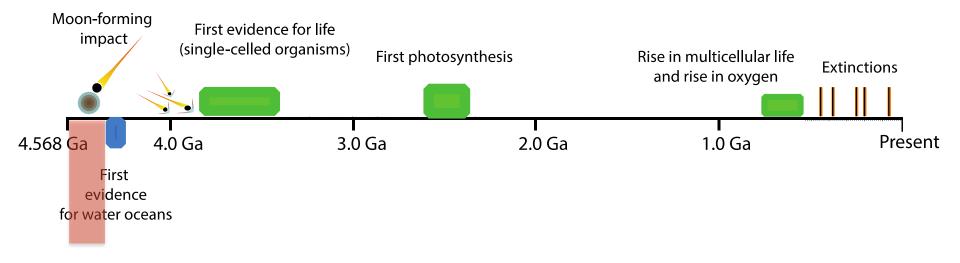


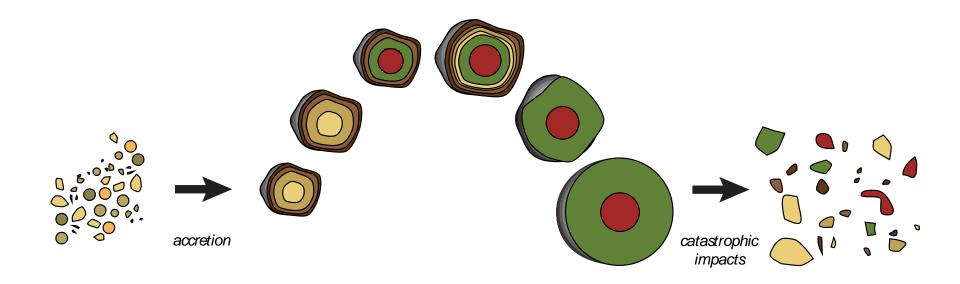
First evidence for water oceans





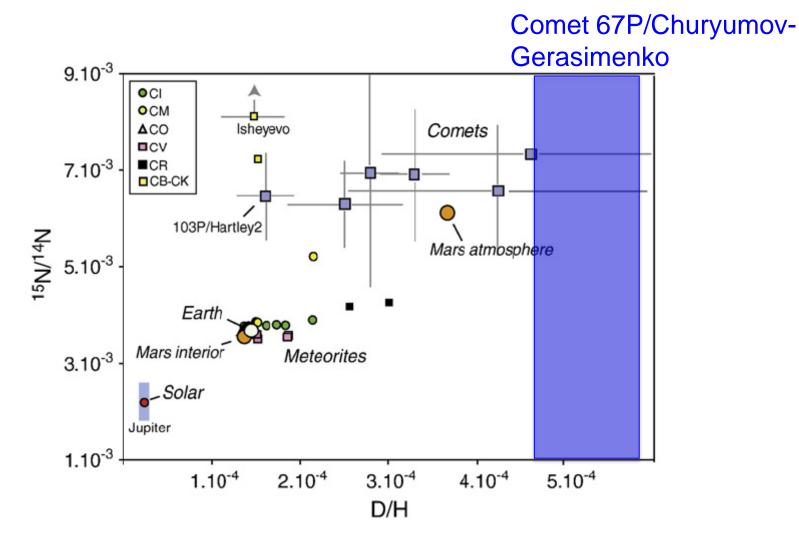


270 Myr

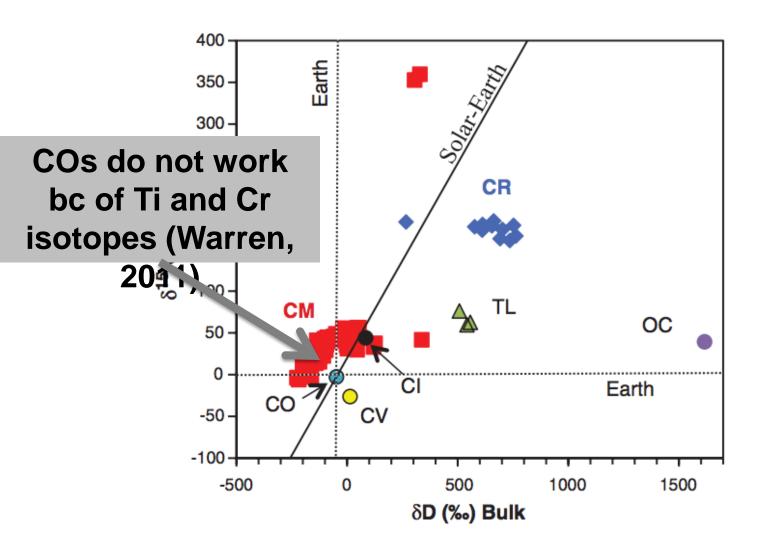




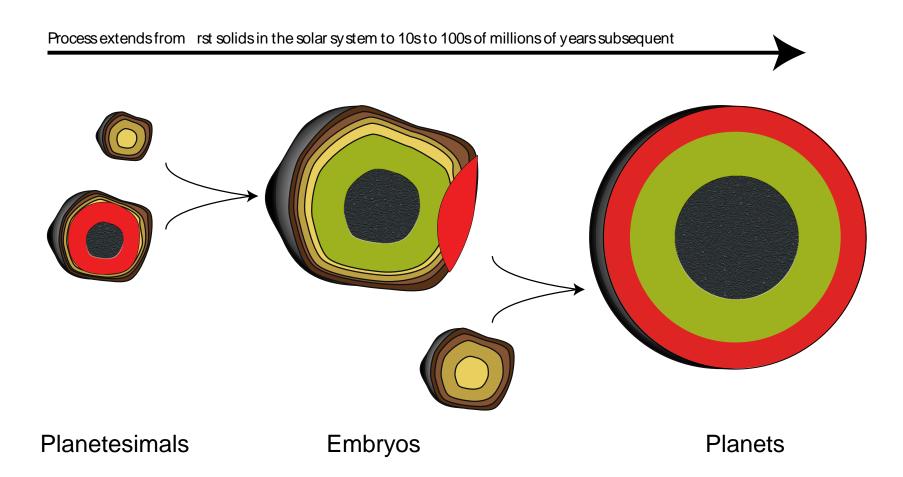
#### Most water on Earth came from rocky planetesimals



### More specifically, from CI chondrites



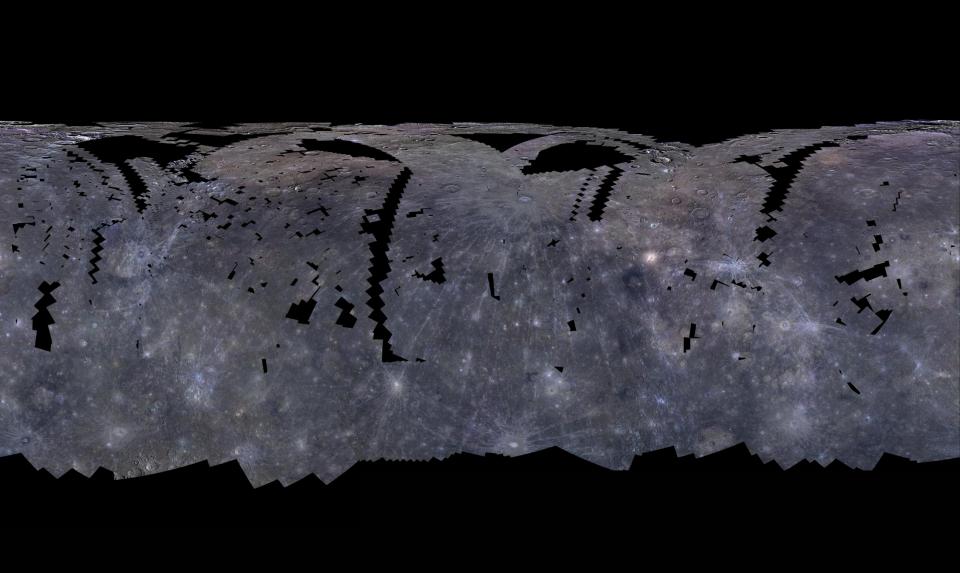
# Planets are built by giant impacts

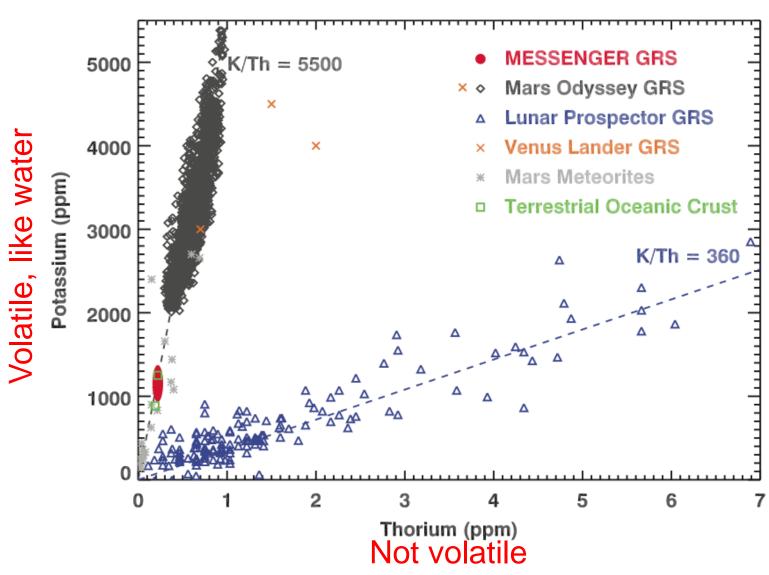


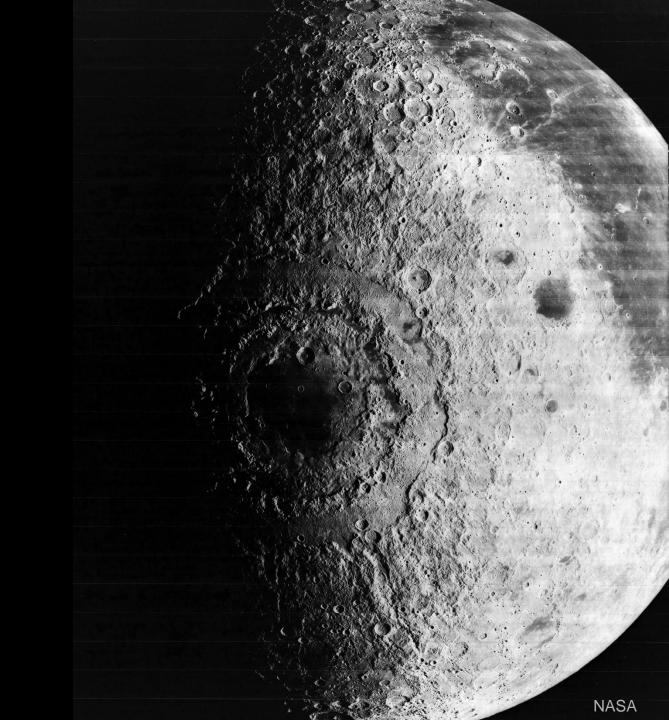
This is a still from Robin Canup's video, which can be seen at the site below. RUDIII Gariup, SWKI



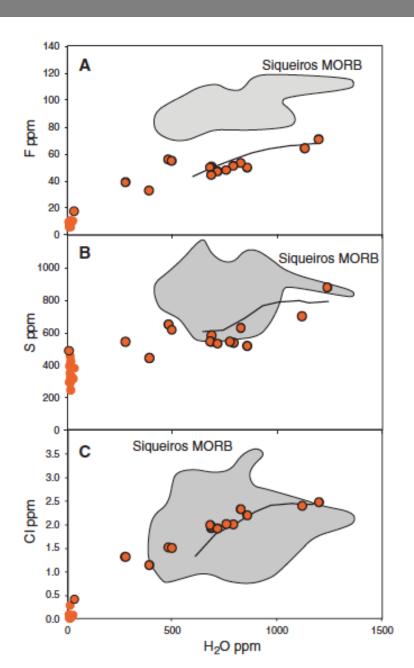
## Giant impacts do not completely devolatilize the planet: Mercury



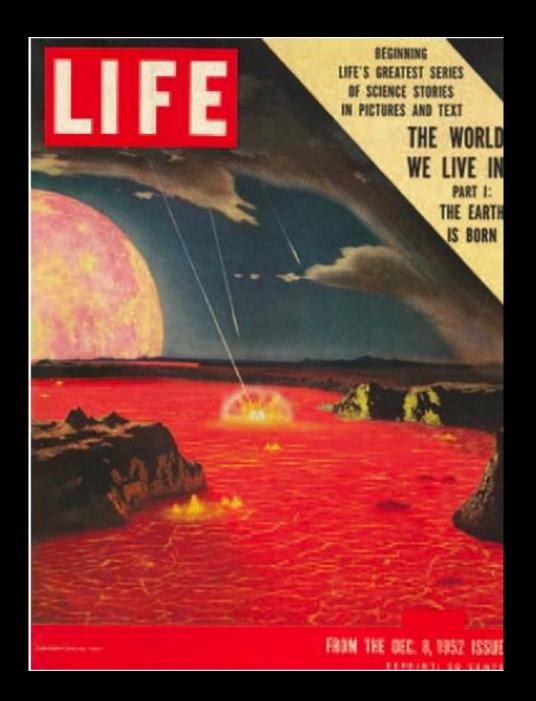




## Giant impacts do not completely devolatilize the planet: The Moon



Hauri et al. (2011) Science





New York Times (2008)

